

# TOOLS OF FLOODPLAIN MANAGEMENT

SEPTEMBER  
19 AND 20, 2006



2-DAY TRAINING COURSE  
FOR  
THE NATIONAL FLOOD INSURANCE PROGRAM

# **Course To Be Conducted At**



**Missouri  
State Emergency Management Agency  
2302 Militia Drive  
Jefferson City, MO 65101**

# *1st Day*

**TUESDAY**

**SEPTEMBER 19, 2006**



- Starts at 1:00 p.m.
- Ends at 4:30 p.m.

# *2nd Day*

**WEDNESDAY**

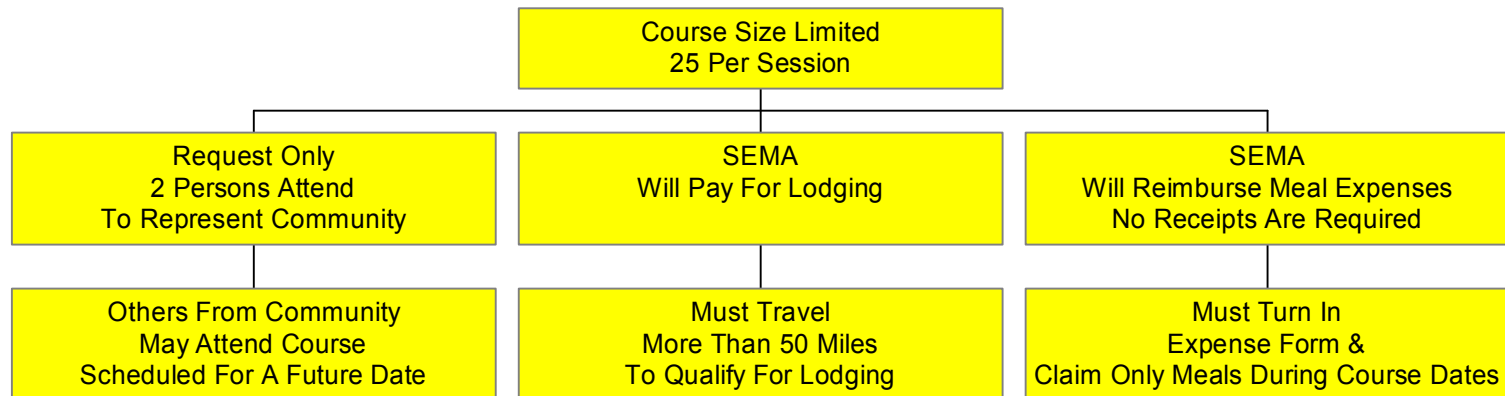
**SEPTEMBER 20, 2006**



- Starts at 8:00 a.m.
- Ends at 3:00 p.m.

# RESERVE YOUR SPACE NOW!

## ***LIMITED SPACE AVAILABLE***



THIS COURSE IS RECOMMENDED FOR THOSE INDIVIDUALS  
WHO ARE RESPONSIBLE FOR ADMINISTRATION OF THE  
NFIP IN THEIR COMMUNITY.

# THIS HANDS-ON TRAINING

Will Assist The Floodplain Administrator, City or County Building and Code Enforcement Officials, As Well As Individuals Dealing Directly With the NFIP.

Will Define Day to Day Application Of The Community's Role In The National Flood Insurance Program (NFIP).

This Course is Accredited for Eight (8) Hours of Continuing Educations Credits for International Code Council (ICC) of Building Officials & Inspectors Foundation. It is Also Accredited for Nine (9) Continuing Education Credits for Certified Floodplain Managers (CFM).

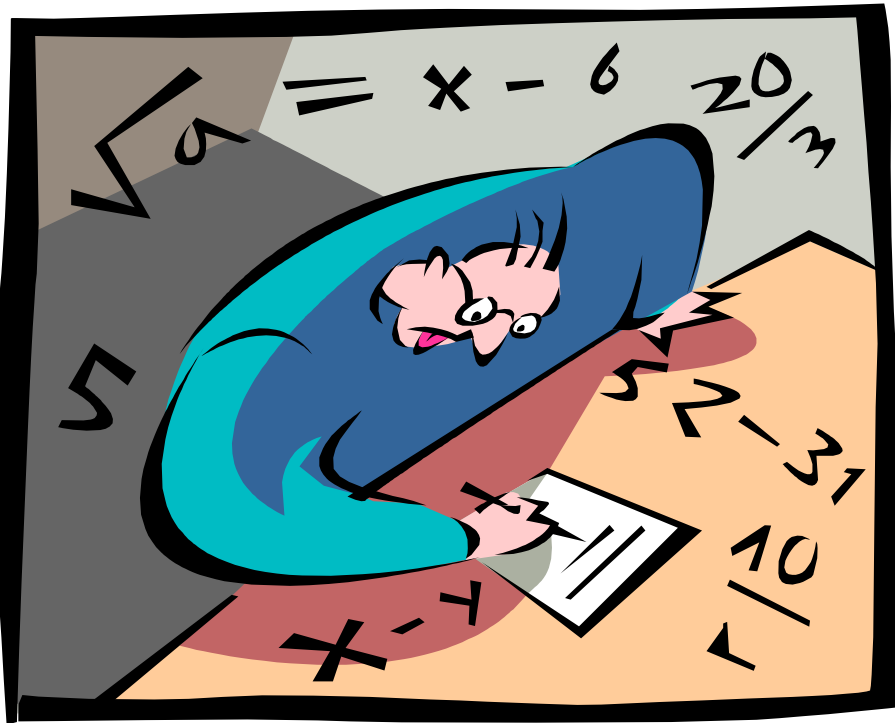
# HANDS-ON EXERCISE NUMBER 1

- **Reading Published Flood Maps**
  - This Exercise Will Challenge Participants in Reading the Federal Emergency Management Agency's (FEMA's) Flood Maps.



# HANDS-ON EXERCISE

## NUMBER 2



- **Three (3) Problems Relating to:**
  - Floodplain Development Permit
  - Elevation Certificate
  - “No-Rise” Certificate

# TOPICS INCLUDED IN “TOOLS OF FLOODPLAIN MANAGEMENT”

- How NFIP Was Created
- Permit Process
- Elevation & “No-Rise” Certificate
- Biennial Report
- Flood Maps & Flood Studies
- Approximate Zone-A
- Variance Criteria & Procedure
- Community Assistance Visits
- Enforcement Process
- Substantial Damage
- Substantial Improvement
- Administering Floodplain Ordinance
- Roles & Responsibilities of Floodplain Management Administrator
- Community Rating System (CRS)
- No Adverse Impact (NAI)
- Increased Cost of Compliance (ICC)





# HOW TO REQUEST AN APPLICATION FOR THIS COURSE

Call, Write, E-Mail, or Fax

Missouri State Emergency Management Agency  
Attention: Pamela Huhmann  
2302 Militia Drive, P.O. Box 116  
Jefferson City, Missouri 65101

Phone:  
(573) 526-9115

Fax:  
(573) 526-9198

E-Mail:  
[pam.huhmann@sema.dps.mo.gov](mailto:pam.huhmann@sema.dps.mo.gov)

**After, we receive a completed application form, you will be sent a confirmation letter with complete details for making hotel reservations, meal allowances, etc.**

**TOOLS OF FLOODPLAIN MANAGEMENT**  
**TUESDAY, SEPTEMBER 19, 2006**

**REGISTRATION** 12:30 p.m. - 1:00 p.m.

**UNIT ONE** 1:00 p.m. - 1:45 p.m.

- Welcome and Introduction
  - Course Objectives
  - Purpose and rationale of course

**UNIT TWO** 1:45 p.m. - 2:30 p.m.

- Introduction to the National Flood Insurance Program (NFIP)
  - Discuss how the NFIP was created
  - Understand the definitions and terms used in floodplain Management

**BREAK** 2:30 p.m. - 2:45 p.m.

**UNIT THREE** 2:45 p.m. - 4:30 p.m.

- Maps/Flood Insurance Studies
  - Differentiate between types of flood maps
  - Describe the purpose and process of Flood Insurance Study (FIS)
  - Examine the procedures for using the FIRM & FIS for regulating floodplain development and apply these principals in a practical exercise

**TOOLS OF FLOODPLAIN MANAGEMENT**  
**WEDNESDAY, SEPTEMBER 20, 2006**

**UNIT THREE CONTINUED...**

- Outline standards for developing within  
Approximate Zone-A areas 8:00 a.m. - 9:00 a.m.
- Suggest sources of flood hazard information for unstudied areas

**BREAK**

9:00 a.m. - 9:15 a.m.

**UNIT FOUR**

9:15 a.m. - 10:30 a.m.

Administering Your Floodplain Ordinance

- Describe the roles and responsibilities of the  
local Floodplain Management Administrator
- Understand substantial damage and substantial  
improvement definitions
- Understand the variance criteria and procedure
- Discuss floodplain management ordinances

**BREAK**

10:30 a.m. - 10:45 a.m.

**UNIT FOUR CONTINUED ...**

10:45 a.m. - 12:30 p.m.

- Understand the permit process for regulating  
floodplain development
- Video - "Construction in a Riverine Floodplain"

**LUNCH**

12:30 p.m. - 1:15 p.m.

**UNIT FIVE**

1:15 p.m. - 2:00 p.m.

Other Issues in Floodplain Management

- Enforcement process of the NFIP
- Community Assistance Visit (CAV)
- Biennial Report

**UNIT SIX**

2:00 p.m. - 2:45 p.m.

Insurance Program

- Community Rating System (CRS)
- No Adverse Impact (NAI)
- Increased Cost of Compliance (ICC)

**UNIT SEVEN**

2:45 p.m. - 3:00 p.m.

Closing Comments

- Questions and Answers
- Evaluation

**STATE EMERGENCY MANAGEMENT AGENCY**  
**2302 MILITIA DRIVE**  
**P.O. BOX 116**  
**JEFFERSON CITY, MO 65101**